



- △ POST TO WITHSTAND 13 NEWTONS (3 LBS) MINIMUM AXIAL FORCE IN BOTH DIRECTIONS SHOWN WITHOUT DISLODGING.
- △ TOLERANCES APPLY TO SOLDER SIDE OF BOARD.
- △ MEASURED AT SURFACE -A-
- △ PLASTIC FLASH PERMITTED IN THIS AREA.
- 5 PARTS COMPLY WITH AMP SOLDERABILITY SPEC. NO. 109-11-2.
- △ ONE HOLE MAY BE UNDERSIZED 1.65/1.52 [0.065/0.060] DIA. FOR ASSEMBLY RETENTION DURING WAVE SOLDERING.
- △ MATERIAL: HEADER-THERMOPLASTIC POLYESTER GLASS-FILLED 94V-0 (NATURAL) POST-COPPER ALLOY (SEE NOTES 13 & 14 FOR PLATING)
- △ COORDINATE DIMENSION APPLIES FROM CENTER OF ACTUAL FEATURE.
- 9 PLASTIC BURRS CAUSED BY CUT-OFF TOOLING ARE PERMITTED WITHIN THE MAXIMUM TOLERANCE ENVELOPE.
- △ POST TO BE MEASURED WHEN STRIP IS HELD FLAT.
- △ POST MUST WITHSTAND TWO 90° BENDS AGAINST EXTRUSION WITHOUT BREAKING.
- △ DIMENSION SHOULD BE 4.45 [0.175] MIN WHEN MATING WITH A MTA-156 CONNECTOR ASSEMBLY OR A SL-156 CONNECTOR ASSEMBLY.
- △ PLATING: GOLD PLATE AREA, 0.00038 [0.00015] MINIMUM, ALL SIDES, OVER NICKEL UNDERPLATE, 0.00127 [0.00050] MINIMUM, ALL SIDES AND ENTIRE LENGTH OF POST.
- △ PLATING: BRIGHT TIN/LEAD (93/7) PLATE AREA, 0.00381-0.00889 [0.00150-0.00350] THICK, ALL FOUR SIDES 3.18 [0.125] MINIMUM FOR -2 THRU -24. MATTE TIN PLATE AREA 0.00381-0.00889 [0.00150-0.00350] THICK ALL FOUR SIDES, 3.18 [0.125] FOR -32 THRU -54.

DIM (L)	NO. OF POSN	ASSEMBLY
95.10 [3.744]	24	5-641119-4
91.14 [3.588]	23	5-641119-3
87.17 [3.432]	22	5-641119-2
83.21 [3.276]	21	5-641119-1
79.25 [3.120]	20	5-641119-0
75.29 [2.964]	19	4-641119-9
71.32 [2.808]	18	4-641119-8
67.36 [2.652]	17	4-641119-7
63.40 [2.496]	16	4-641119-6
59.44 [2.340]	15	4-641119-5
55.47 [2.184]	14	4-641119-4
51.51 [2.028]	13	4-641119-3
47.55 [1.872]	12	4-641119-2
43.59 [1.716]	11	4-641119-1
39.62 [1.560]	10	4-641119-0
35.66 [1.404]	9	3-641119-9
31.70 [1.248]	8	3-641119-8
27.74 [1.092]	7	3-641119-7
23.77 [0.936]	6	3-641119-6
19.81 [0.780]	5	3-641119-5
15.85 [0.624]	4	3-641119-4
11.89 [0.468]	3	3-641119-3
7.92 [0.312]	2	3-641119-2

DIM (L)	NO. OF POSN	ASSEMBLY
95.10 [3.744]	24	2-641119-4
91.14 [3.588]	23	2-641119-3
87.17 [3.432]	22	2-641119-2
83.21 [3.276]	21	2-641119-1
79.25 [3.120]	20	2-641119-0
75.29 [2.964]	19	1-641119-9
71.32 [2.808]	18	1-641119-8
67.36 [2.652]	17	1-641119-7
63.40 [2.496]	16	1-641119-6
59.44 [2.340]	15	1-641119-5
55.47 [2.184]	14	1-641119-4
51.51 [2.028]	13	1-641119-3
47.55 [1.872]	12	1-641119-2
43.59 [1.716]	11	1-641119-1
39.62 [1.560]	10	1-641119-0
35.66 [1.404]	9	641119-9
31.70 [1.248]	8	641119-8
27.74 [1.092]	7	641119-7
23.77 [0.936]	6	641119-6
19.81 [0.780]	5	641119-5
15.85 [0.624]	4	641119-4
11.89 [0.468]	3	641119-3
7.92 [0.312]	2	641119-2

△ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

1-641119-7	SUPERSEDED BY	4-641119-7
1-641119-8	SUPERSEDED BY	4-641119-8
1-641119-9	SUPERSEDED BY	4-641119-9
2-641119-1	SUPERSEDED BY	5-641119-1
2-641119-2	SUPERSEDED BY	5-641119-2
2-641119-3	SUPERSEDED BY	5-641119-3

METRIC

THIS DRAWING IS A CONTROLLED DOCUMENT.

REV. 01-04-2003

TE CONNECTIVITY

MTA-156 HEADER ASSEMBLY, FRICTION LOCK, STRAIGHT, .045 SQUARE POST, .00015 GOLD

DATE: 01-04-2003

BY: [Signature]

CHK: [Signature]

APP: [Signature]

REV: [Signature]

REVISED PER EDD-11-04820

CUSTOMER DRAWING: A100779

SIZE: 5:1

REV: 1

APP: AD2